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TITLE OF THE INVENTION

DNA ENCODING A HUMAN SUBUNIT OF THE 5-HT<sub>3</sub> SEROTONIN  
RECEPTOR

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ABSTRACT OF THE INVENTION

DNA encoding human 5-HT<sub>3</sub>-C has been cloned and characterized. The recombinant protein is capable of forming biologically active human 5-HT<sub>3</sub>-C protein. The cDNA has been expressed in recombinant host cells that produce active  
10 recombinant protein. In addition, the recombinant host cells are utilized to establish a method for identifying modulators of the receptor activity, and receptor modulators are identified.